

Memorandum

Date : May 1, 2002
Telephone: ATSS (654-4206)

To : William J. Keese, Chairman
Robert A. Laurie
Robert Pernell
Arthur Rosenfeld
James D. Boyd

From : California Energy Commission - Steve Larson
1516 Ninth Street
Sacramento, CA 95814-5512
Executive Director

Subject : **DATA ADEQUACY RECOMMENDATION FOR THE CITY OF VERNON - MALBURG
GENERATING STATION PROJECT - (01-AFC-25)**

The staff has completed its data adequacy review (second round) of the Application for Certification (AFC) submitted on December 21, 2001. The Commission on January 23, 2002 first heard this item. At that time it was determined that the AFC was not data adequate for processing.

Staff has determined that the AFC and AFC Supplement now contains all the information required by Cal. Code of Regs., tit. 20, § 1704, Appendix B for the 12-month process and for the expedited 6-month process allowed under Public Resource Code §25550 (AB 70, Chapter 329, Statutes of 2000). Therefore, we recommend that the Energy Commission find the AFC adequate for the 6-month process.

Attachment A contains an overview of staff's review of data adequacy of the AFC. Attachment B contains staff's detailed data adequacy worksheets that describe staff's findings for each information requirement for both the 6-month and 12-month processes found to be inadequate with the first round of review on January 23, 2002. It should be noted that to qualify for the 6-month process, the project must meet the 12-month criteria in addition to the 6-month criteria.

The South Coast Air Quality Management District has indicated that the application is complete and contains the information necessary to begin its analysis. We have also received verbal communication from the California Department of Fish and Game and the United States Fish and Wildlife Services indicating they have no biological resource concerns as the project is proposed on a developed industrial site.

At the Energy Commission's business meeting on May 8, 2002, I will recommend that the Energy Commission accept the AFC as data adequate for the 6-month permit process.

If you have any questions, please call either Bill Pfanner (916) 654-4206, staff's Project Manager.

Attachments

cc:

ATTACHMENT A
OVERVIEW OF ENERGY COMMISSION STAFF'S
DATA ADEQUACY DETERMINATION
CITY OF VERNON -MALBURG GENERATING STATION PROJECT

Technical Area	Data Adequacy	
	<i>12- Mo.</i>	<i>6-Mo.</i>
Air Quality	Yes	Yes
Alternatives	Yes	Yes
Biological Resources	Yes	Yes
Cultural Resources	Yes	Yes
Efficiency	Yes	Yes
Facility Design	Yes	Yes
Geological Hazards	Yes	Yes
Hazardous Materials	Yes	Yes
Land Use	Yes	Yes
Noise	Yes	Yes
Paleontological Resources	Yes	Yes
Project Overview	Yes	Yes
Public Health	Yes	Yes
Reliability	Yes	Yes
Socioeconomics	Yes	Yes
Soil Resources	Yes	Yes
Trans Line Safety/Nuisance	Yes	Yes
Traffic and Transportation	Yes	Yes
Transmission System Engineering	Yes	Yes
Visual Resources	Yes	Yes
Waste Management	Yes	Yes
Water Resources	Yes	Yes
Worker Safety	Yes	Yes

**ENERGY COMMISSION STAFF'S
Round Two
List of Data Adequacies**

**CITY OF VERNON -MALBURG GENERATING STATION PROJECT
01-AFC-25**

MAY 1, 2002

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Air Quality
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date April 29, 2002
 Technical Staff: Joseph M. Loyer
 Technical Senior: Matthew Layton

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.1 pg 8.1-1 to 76 Appendix H CD	Yes	
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	Completeness letter from district dated 1-11-02	Yes	
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Section 3.4.4 pg 3-3 to 17 Section 3.7 pg 3-40 Appendix H	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Section 8.1.5.4 pg 8.1-38,39	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	Section 3.4.4.4 pg 3-7,8 Section 3.4.7 pg 3-14 to 17 Appendix H	Yes	
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	Section 8.1.2.3.2 p 8.1-13 Table 8.1-18 to 21 Pg 8.1-49 to 50 Appendix H	Yes	
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	Section 8.1.2.3 pg 8.1-12 to 14 Table 8.1-18 to 21 Pg 8.1-49, 50 Appendix H	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Air Quality
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date April 29, 2002
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 Technical Senior: Matthew Layton

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Section 8.1.1.2 to .3 Pg 8.1-3 to 7 Table 8.1-2 to 8 Pg 8.1-45 to 47	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Section 8.1.1.1.1 Pg 8.1-2, 3 Fig 8.1-5 to 12 Pg 8.1-67 to 74 Appendix H	Yes	
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	NA	NA	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Fig 8.1-5 to 12 Pg 8.1-67 to 74 Appendix H	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Air Quality
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date April 29, 2002
 Technical Staff: Joseph M. Loyer
 Technical Senior: Matthew Layton

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	Section 8.1.2.1 Pg 8.1-8 to 12 Table 8.1-24 p 8.1-51 Appendix H CD	Yes	
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	Section 8.1.2.3 Pg 8.1-12 to 18 Table 8.1-25 to 76 Pg 8.1-51, 52	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	Appendix H Pg H-16 to 19	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	Table 8.1-27 pg 8.1-52	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Air Quality
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station
 Docket: 01-AFC-25

Revision No. 1 Date April 29, 2002
 Technical Staff: Joseph M. Loyer
 Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Section 8.1.4.3 pg 8.1-24 Supplemental Information 4-23-02	Yes	
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Section 8.1.4 p 8.1-23 to 24 Section 8.1.5.4 p 8.1-38, 39	Yes	
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Fig 8.1-2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.1-28 Pg 8.1-53 to 55	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.1-28 p 8.1-53 to 55 Table 8.1-36 p 8.1-58 to 61	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.1.5 p 8.1-24 to 43	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.1-35 to 57	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.1.7 p 8.1-43 Table 8.1-36 p 8.1-58 to 61	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 01 Date April 29, 2002

Technical Area: Air Quality
 Project Manager: Bill Pfanner

Project: Malburg Generation Station
 Docket: 01-AFC-25

Technical Staff: Joseph M. Loyer
 Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 8.1-28 p 8.1-53 to 55	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.1.5 p 8.1-24 to 43	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	NA	NA	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	LORS Section Pg L-1 to 27	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 01 Date April 29, 2002

Technical Area: Air Quality
 Project Manager: Bill Pfanner

Project: Malburg Generation Station
 Docket: 01-AFC-25

Technical Staff: Joseph M. Loyer
 Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(A) (Air Quality)	a detailed modeling analysis assessing whether the cumulative impacts of all inert criteria pollutants (NOx, SO2, CO, and PM10) from the project's typical operating mode in combination with all stationary emissions sources within a six-mile radius of the proposed site that have received construction permits, but are not yet operational, and all stationary emissions sources that are currently undergoing air district permit application review will cause or contribute to a violation of any ambient air quality standard;	Section 8.1.2.3 to 8.1.2-5 Pg 8.1-12 to 18 Appendix H Supplemental Information 4-23-02	Yes	
§2022(b)(2)(B) (Air Quality)	A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the consistent production of electricity for sale to the market, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests, and air dispersion modeling analyses of the impacts of those emissions on state and federal ambient air quality standards for NO2, SO2, CO, and PM10;	Appendix H	Yes	
§2022(b)(2)(C) (Air Quality)	A detailed description of the mitigation, which an applicant shall propose, for all impacts from criteria pollutants that currently exceed state or federal ambient air quality standards, but are not subject to offset requirements under the district's new source review rule;	Section 8.1.4.3 p 8.1-24 Supplemental Information 4-23-02	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Cultural Resources
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 4/28/02
 Technical Staff: Dorothy Torres
 Technical Senior: Dale Edwards

Project: Vernon
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC Vol I, p. 8.3-3 AFC Vol 1, p. 8.3-11 AFC Vol I, p. 8.3-12	Yes	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	AFC Vol 1, p. 8.3-4 to 8.3-7 AFC Vol I, Fig 8.3-1	Yes	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	AFC Vol I, p. 8.3-8 AFC Vol I, p. 8.3-9 to 8.3-10 Supplemental Filing dated 2/25/02	Yes	I

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Cultural Resources
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 4/28/02
 Technical Staff: Dorothy Torres
 Technical Senior: Dale Edwards

Project: Vernon
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	AFC Vol I, p. 8.3-4 AFC Vol I, p. 8.3-7 to 8.3-9	Yes	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	Vol III, Appendix J-3 Supplemental Filing dated 2/25/02 Supplemental Filing docketed 4/24/02	Yes	Please provide a summary of contacts and communications with, and responses from Native Americans that had not been completed at the time the AFC was submitted (Copies are acceptable).
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	AFC Vol I, p. 8.3-13 AFC Vol I, p. 8.3-12 AFC Vol I, p. 8.3-13	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC Vol I, p. 8.3-20 to 8.3-21 AFC Vol I, p. 8.3-17 to 18 AFC Vol I, p. 8.3-20 to 21	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Cultural Resources
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 4/28/02
 Technical Staff: Dorothy Torres
 Technical Senior: Dale Edwards

Project: Vernon
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC Vol I, P. 8.3-22 AFC Vol I, p. p-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC Vol I, p. 14-17	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC Vol I, p. 22	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC Vol I, p. p-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Geological Hazards
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 01 Date April 26, 2002
 Technical Staff: Dal Hunter
 Technical Senior: Lynn Alexander

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.15.1, pages 8.15-1 through 8.15-5; Sections 8.15.2 through 8.15.4, pages 8.15-5 and 8.15-6; Section 8.15.5, page 8.15-6	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Section 8.15.1 Pages 8.15-1 through 8.15-3	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Section 8.15.1, pages 8.15-1 through 8.15-2; Section 8.15.1, pages 8.15-1 through 8.15-3 Figure 4-1 of Supplement to AFC (April 24, 2002)	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Section 8.15.1.2, Page 8.15-2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 8.15-2 Page 8.15-11	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Geological Hazards
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 01 Date April 26, 2002
 Technical Staff: Dal Hunter
 Technical Senior: Lynn Alexander

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 8.15-3 Page 8.15-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.15.6 Page 8.15-7	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 8.15-3 Page 8.15-12	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Land Use
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station
 Docket: 01-AFC-25

Revision No. 1 Date February 28, 2002
 Technical Staff: Negar Vahidi/David Flores
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 8.4, Pages 8.4-1 to 8.4-6.	Yes.	
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	Section 8.4, Pages 8.4-2 to 8.4-4.	Yes.	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Section 8.4, Pages 8.4-3 and 8.4-4.	Yes.	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	Section 8.4, Page 8.4-4.	Yes.	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Section 8.4, Page 8.4-4.	Yes.	
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Section 8.4, Pages 8.4-17 to 8.4-29, Figures 8.4-1 to 8.4-13. Land Use Response 5.1 Dated 2/25/02	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Land Use**
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station
 Docket: 01-AFC-25

Revision No. 1 Date February 28, 2002
 Technical Staff: Negar Vahidi/David Flores
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	Section 8.4, Pages 8.4-5 and 8.4-6.	Yes.	
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Section 8.9, Page 8.9-1.	Yes.	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	Section 8.9, Page 8.9-1.	Yes.	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	Section 8.9, Pages 8.9-1.	Yes.	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	Section 8.9, Pages 8.9-3 and 8.9-4.	Yes.	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Section 8.9, Pages 8.9-3 and 8.9-4.	Yes.	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 8.4, Pages 8.4-through 8.14, Table 8.4-4. Land Use Response 5.2 dated 2/25/02	Yes	Section 8.4.6.3 states that various general plan policies and zoning ordinance sections (i.e. local land use LORS) are applicable to the project.. However, there is no <u>discussion</u> of how these LORS are applicable to the project, and how the project <u>conforms</u> with them. Staff can not currently determine whether the project conforms with local LORS such as off street parking and setback requirements that are noted on AFC p.8.4.9. Please provide a discussion of local LORS applicability and project conformance.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Land Use
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station
 Docket: 01-AFC-25

Revision No. 1 Date February 28, 2002
 Technical Staff: Negar Vahidi/David Flores
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 8.4, Pages 8.4-14 and 8.4-15, Tables 8.4-4 to 8.4-6.	Yes.	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 8.4, Pages 8.4-6 to 8.4-9.	Yes.	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 8.4, Page 8.4-14, Table 8.4-5.	Yes.	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 8.4, Page 8.4-15, Table 8.4-6.	Yes.	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 01 Date

February 28, 2002

Technical Area: Land Use

Project: Malburg Generating Station

Technical Staff:

Negar Vahidi/David Flores

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior:

Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 8.4, Page 8.4-7-8.4 to 9 and Page 8.4-14, Table 8.4-4 Land Use Response 5.3 dated 2/25/02	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 8.4, Page 8.4-7-8.4 to 9 and Page 8.4-14, Table 8.4-4 Land Use Response 5.4 dated 2/25/02	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Section 8.4, Page 8.4-4 Land Use Response 5.5 submitted 2/25/02	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 8.4, Pages 8.4-14 and 8.4-15, Tables 8.4-4 to 8.4-6.	Yes.	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 01 Date

February 28, 2002

Technical Area: Land Use

Project: Malburg Generating Station

Technical Staff:

Negar Vahidi/David Flores

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior:

Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;	Section 8.8, Pages 8.8-16 to 8.8-23, Table 8.8-7	N/A	See Socioeconomics
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and	Section 8.8, Page 8.9-7, Figure 8.9-1 See Socioeconomics	N/A	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Socioeconomics
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/28/02
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pg. 1-10 AFC Section 1.10.8 PP. 8.8-1 through 8.8-25 Section 8.8	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	PP. 8.8-1 through 5 Sections 8.8.1.1 through 8.8.1.8	Yes	
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	PP. 8.8-2 through 5 Sections 8.8.1.1 through 8.8.1.8	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Pg. 8.8-2, Section 8.8.1.3 PP. 8.8-5 & 6 Section 8.8.1.9 PP. 8.8-17 through 23 Table 8.8-7	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	PP. 8.8-2 & 3, Section 8.8.1.4, Pg. 8.8-14, Table 8.8-3	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	PP. 8.8-2 & 3 Section 8.8.1.4 Pg. 8.8-14, Table 8.8-4	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Pg. 8.8-3, Section 8.8.1.5 Pg. 8.8-15, Table 8.8-5	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Socioeconomics
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/28/02
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	PP. 8.8-3 through 5 Section 8.8.1.6	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	PP. 8.8-6 through 9 Section 8.8.2.2 & 3	Yes	
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;		Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	Pg. 8.8-7 & 8 Section 8.8.2.2 & 3	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Pg. 8.8-7 & 8 Section 8.8.2.2 & 3	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Pg. 8.8-7 & 8 Section 8.8.2.2 & 3	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	Pg. 8.8-7 & 8 Section 8.8.2.2 & 3	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Socioeconomics
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/28/02
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Pg. 8.8-5, Section 8.8.1.8	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	PP. 8.8-7 & 8 Section 8.8.2.2	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	PP. 8.8-7 & 8 Section 8.8.2.2	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Pg. 8.8-5, Section 8.8.1.8 Pg. 8.8-8, Section 8.8.2.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	PP. 1-24 & 25 LORS Summary Table	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Pg. 8.8-10, Section 8.8.7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		Yes	
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Pg. 8.8-10, Section 8.8.8	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 1 Date 4/26/02

Technical Area: Socioeconomics

Project: Malburg Generating Station

Technical Staff: James Adams

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	PP. 1-24 & 25 LORS Summary Table	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;		Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		N/a	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;		Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 1 Date 4/26/02

Technical Area: Socioeconomics

Project: Malburg Generating Station

Technical Staff: James Adams

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joins with the interconnected system;		N/a	
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;		Yes	
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and		Yes	
§2022(b)(4)(C) (Public Health)	Identification of available health studies concerning the potentially affected population(s) within a six-mile radius of the proposed power plant site;		N/a	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 1 Date 4/26/02

Technical Area: Socioeconomics

Project: Malburg Generating Station

Technical Staff: James Adams

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			
§2022(b)(5)(A) (Project Description)	Information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site and		N/a	
§2022(b)(5)(B) (Water)	A will-serve letter or similar document from each provider of water to the project, indicating each provider's willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.		N/a	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Socioeconomics
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/28/02
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pg. 1-10 AFC Section 1.10.8 PP. 8.8-1 through 8.8-25 Section 8.8	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	PP. 8.8-1 through 5 Sections 8.8.1.1 through 8.8.1.8	Yes	
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	PP. 8.8-2 through 5 Sections 8.8.1.1 through 8.8.1.8	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Pg. 8.8-2, Section 8.8.1.3 PP. 8.8-5 & 6 Section 8.8.1.9 PP. 8.8-17 through 23 Table 8.8-7	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	PP. 8.8-2 & 3, Section 8.8.1.4, Pg. 8.8-14, Table 8.8-3	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	PP. 8.8-2 & 3 Section 8.8.1.4 Pg. 8.8-14, Table 8.8-4	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Pg. 8.8-3, Section 8.8.1.5 Pg. 8.8-15, Table 8.8-5	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Socioeconomics
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 2/28/02
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	PP. 8.8-3 through 5 Section 8.8.1.6	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	PP. 8.8-6 through 9 Section 8.8.2.2 & 3	Yes	
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;		Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	Pg. 8.8-7 & 8 Section 8.8.2.2 & 3	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Pg. 8.8-7 & 8 Section 8.8.2.2 & 3	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Pg. 8.8-7 & 8 Section 8.8.2.2 & 3	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	Pg. 8.8-7 & 8 Section 8.8.2.2 & 3	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Socioeconomics
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station
 Docket: 01-AFC-25

Revision No. 1 Date 2/28/02
 Technical Staff: James Adams
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Pg. 8.8-5, Section 8.8.1.8	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	PP. 8.8-7 & 8 Section 8.8.2.2	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	PP. 8.8-7 & 8 Section 8.8.2.2	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Pg. 8.8-5, Section 8.8.1.8 Pg. 8.8-8, Section 8.8.2.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	PP. 1-24 & 25 LORS Summary Table	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Pg. 8.8-10, Section 8.8.7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).		Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		Yes	
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Pg. 8.8-10, Section 8.8.8	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Soils
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 4-29-02
 Project: Malburg Generating Station Technical Staff: Tony Mediati
 Docket: 01-AFC-25 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 8.9.1 p 8.9-1 to 8.9-3 Sec. 8.9.2 p 8.9-3 to 8.9-4 Sec. 8.9.4 p 8.9-4 Sec. 8.9.5 p 8.9-4 Sec. 1.10.9 p 1-10	Yes	
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Sec. 8.9.1.2 p 8.9-1 to 8.9-2 Figure 8.9-1 p 8.9-7 Supplement 7.1	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Sec. 8.9.1.2 p 8.9-1 to 8.9-2 Supplement 7.1 & 7.2 Table 7-1	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Sec. 8.9.1.2 p 8.9-1 to 8.9-2 Supplement 7.3	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	Sec. 8.9.2 p 8.9-3	Yes	
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Sec. 8.9.2.2 p 8.9-3 Supplement 7.4 Appendix B	Yes	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Sec. 8.9.2.3 p 8.9-3 Sec. 8.9.5 p 8.9-4	Yes	

Adequacy Issue: Adequate **X** Inadequate _____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 4-29-02

Technical Area: Soils

Project: Malburg Generating Station

Technical Staff: Tony Mediati

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Sec. 8.9.6 p 8.9-5 Supplement 7.5 Table 7-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Sec. 8.9.7 p 8.9-8 Supplement 7.5 to 7.6 Table 7-2 & 7-4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 8.9.6 p 8.9-5 Supplement 7.7	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Sec. 8.9.7 p 8.9-5 Supplement 7.8 Table 7-3	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Sec. 8.9.8 p 8.9-5	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 1 Date 4-29-02

Technical Area: Soils

Project: Malburg Generating Station

Technical Staff: Tony Mediati

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;	To Be considered Data Adequate for the six month expedited process please provide the following information in addition to the information requested on the standard twelve month data adequacy worksheet.		
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Sec. 8.9.6 p 8.9-5 Supplement 7.5	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sec. 8.9.6 p 8.9-5 Supplement 7.7	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Supplement 7.11	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Sec. 8.9.6 p 8.9-5 Supplement 7.5, 7.7 & 7.12 NPDES permits	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Traffic and Transportation
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station Project
 Docket: 01-AFC-25

Revision No. 01 3/1/02
 Technical Staff: James Fore
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC Section 8.10.1.1, Page 8.10-1; Section 8.10.1.2, Page 8.10-2; Section 8.10.2.2, Page 8.10-6; Section 8.10.2.3, Pages 8.10-6 through 8.10-8; Section 8.10.4 Page 8.10-14; and Section 8.10.5, Page 8.10.14	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	AFC Figure 8.10-1, Page 8.10-27.	Yes	
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	AFC Sections 8.10.1.2, 8.10.1.3, 8.10.1.4, 8.10.1.5, 8.10.2.6, Pages 8.10-2 through 8.10-4; Figure 8.10-2, Page 8.10-28	Yes	
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	AFC Sections 8.10.1.1, and 8.10.1.2, Pages 8.10-1 through 8.10-4, Table 8.10-2, Page 8.10-19	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Table 8.10-2 Page 8.10-19 and Table 8.10-4, Page 8.10-21	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Section 8.10.2.2, Page 8.10-4; Table 8.10-5, Pages 8.10-22 through 8.10-23	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	AFC Section 8.10.1.1, Page 8.10-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Traffic and Transportation
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station Project
 Docket: 01-AFC-25

Revision No. 01 3/1/02
 Technical Staff: James Fore
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	AFC Section 8.10.2.2, Page 8.10-6 Table 8-10.2 Page 8.10-18	Yes	
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	AFC Section 8.10.1.7, Page 8.10-4, Figure 8.10-7, Page 8.10-33; AFC Section 8.10.2.8, Page 8.10-13	Yes	
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	AFC Section 8.10.1.6, Page 8.10-4, Figure 8.10-6 Page 8.10-32	Yes	
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	AFC Section 8.10.2.3, Pages 8.10-6 and 8.10-7; Tables 8.10-4 and 8.10-5, Pages 8.10-21 through 8.10-23.	Yes	
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	AFC Section 8.10.2.7, Page 8.10-13	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC Section 8.10.6, Pages 8.10-14 through 8.10-17, Table 8.10-6, Pages 8.10-24 and 8.10-25	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Traffic and Transportation
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station Project
 Docket: 01-AFC-25

Revision No. 01 3/1/02
 Technical Staff: James Fore
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC Permit Summary Pages P-1 through P-4; Table 8.10-7, Page 8.10-26	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC Section 8.10.6, Pages 8.10-14 through 8.10-17	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC Section 8.10-7, Page 8.10-14	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC Table 8.10.6, Page 8.10-26	Yes	

Adequacy Issue: Adequate **x** Inadequate _____

Technical Area: **Transmission System Eng.**

Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station

Docket: 01-AFC-25

Revision No. 01 Date March 25, 2002

Technical Staff: Ajoy Guha, P.E.
Sudath Arachchige

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 3.4.5, Pages 8 to 13 Section 5.0, Pages 5-1 to 5-4	Yes	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.		N.A.	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	The System Impact/Facility Study, March, 2002 Pages 1 to 13	Yes	
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	The System Impact/Facility Study, March, 2002 Pages 1 to 13	Yes	
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 3.45, pages 8 to 13	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: **Transmission System Eng.**

Project Manager: **Bill Pfanner**

DATA ADEQUACY WORKSHEET

Project: **Malburg Generating Station**

Docket: **01-AFC-25**

Revision No. **01** Date **March 25, 2002**

Technical Staff: **Ajoy Guha, P.E.
Sudath Arachchige**

Technical Senior: **Al McCuen**

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.		NA	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.		NA	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 3.9, Table 3.9-1, Pages 3-82 to 3-88.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table Permit Summary Pages p-1 to p-4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 3.9, Page 3-51	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 3.9, Table 3.9-1	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	The System Impact/Facility Study, March, 2002 Pages 1 to 13	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 01 Date March 25, 2002

Technical Area: Transmission System Engineering

Project: Malburg Generating Station

Technical Staff: Ajoy Guha, P.E.
Sudath Arachchige

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 3.9, Table 3.9-1, Pages 3-82 to 3-88.	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 3.9, Page 3-51.	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and		NA	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table Permit Summary, Pages p-1 to p-4	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue:	Adequate <input checked="" type="checkbox"/> Inadequate	DATA ADEQUACY WORKSHEET		Revision No. 01	Date March 25, 2002
Technical Area:	<u>Transmission System</u>	Project:	Malburg Generating Station	Technical Staff:	Ajoy Guha, P.E. Sudath Arachchige
Project Manager:	<u>Bill Pfanner</u>	Docket:	01-AFC-25	Technical Senior:	Al McCuen
SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS	

An interconnection study identifying the electrical system impacts and a discussion of the mitigation measures considered and those proposed to maintain conformance with NERC, WSCC, Cal-ISO or other applicable reliability or planning criteria based on load flow, post transient, transient, and fault current studies performed by or for the transmission owner in accordance with all applicable Cal-ISO or other interconnection authority's tariffs, operating agreements, and scheduling protocols and

The System
Impact/Facilities Study.
March, 2002.
Pages 1 to 13.

Yes

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 01 Date March 25, 2002

Technical Area: Transmission System Engineering

Project: Malburg Generating Station

Technical Staff: Ajoy Guha, P.E.
Sudath Arachchige

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	The System Impact/Facilities Study. March, 2002. Pages 1 to 13.	Yes	
§2022(b)(4) (Any area that addresses disproportionate impacts; environmental justice)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(A) (Land Use, Socioeconomics)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;			
§2022(b)(4)(B) (Land Use, Socioeconomics)	One or more maps at a scale of 1:24,000 showing the distribution of minority populations and low-income populations and significant pollution sources within six miles of the proposed site, such as those permitted by the U.S. Environmental Protection Agency (Toxic Release Inventory sites), the local air quality management district, or the California Department of Toxic Substances Control; and			
§2022(b)(4)(C) (Public Health)	Identification of available health studies concerning the potentially affected population(s) within a six-mile radius of the proposed power plant site;			

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 01 Date March 25, 2002

Technical Area: Transmission System Engineering

Project: Malburg Generating Station

Technical Staff: Ajoy Guha, P.E.
Sudath Arachchige

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			
§2022(b)(5)(A) (Project Description)	Information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site and			
§2022(b)(5)(B) (Water)	A will-serve letter or similar document from each provider of water to the project, indicating each provider's willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.			

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Visual Resources
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date April 30, 2002
 Technical Staff: Eric Knight
 Technical Senior: Dale Edwards

Project: Malberg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pp. 8.11-1 – 8.11-2; Sec. 8.11.1 Pp. 8.11-2 – 8.11-6; Sec. 8.11.2 Pp. 8.11-6; Sec. 8.11.5	Yes	
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Pp. 8.11-1 – 8.11-2; Sec. 8.11.1	Yes	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figures 8.11-1 and 8.11-2 Figure 10-1	Yes	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Figure 3.4-2	Yes	
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	P. 8.11-2; Sec. 8.11.1.2	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	P. 8.11-1; Sec. 8.11.1.1 P. 8.11-4; Sec. 8.11.2.5 P. 8.11-6; Sec. 8.11.4	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Visual Resources
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date April 30, 2002
 Technical Staff: Eric Knight
 Technical Senior: Dale Edwards

Project: Malberg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	P. 8.11-1; Sec. 8.11.1.1 DA Response p. 10-1	Yes	
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	P. 8.11-5; Sec. 8.11.2.6.1 P. 8.11-9; Table 8.11-1 Table 10-1	Yes	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 8.11-5 – 8.11-7	Yes	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	P. 8.11-5; Sec. 8.11.2.6.1 DA Response, pp. 10-2 – 10-4; Tables 10-2 and 10-3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	P. I-15; LORS Summary	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Visual Resources
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date April 30, 2002
 Technical Staff: Eric Knight
 Technical Senior: Dale Edwards

Project: Malberg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	P. I-15; LORS Summary	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	P. 8.11-4; Sec. 8.11.2.5 P. 8.11-7; Sec. 8.11.6.3 DA Response, pp. 10-4 – 10-5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	P. 8.11-10; Sec. 8.11-3	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 1 Date April 30, 2002

Technical Area: **Visual Resources**

Project: Malburg Generating Station

Technical Staff: Eric Knight

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	P. I-15; LORS Summary	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	P. 8.11-4; Sec. 8.11.2.5 P. 8.11-7; Sec. 8.11.6.3 DA Response, pp. 10-4 – 10-5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	DA Response p. 10-5	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	P. I-15; LORS Summary	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Water Resources
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 4-30-02
 Technical Staff: Tony Mediati
 Technical Senior: Dick Anderson

Project: Malburg Generating Station
 Docket: 01-AFC-25

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 8.14.1 p 8.14-1 Sec. 8.14.2 p 8.14-6 Sec. 8.14.4 p 8.14-13 Sec. 8.14.5 p 8.14-13 Supplement 11.1	Yes	
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:			
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Table 8.14-3 p 8.14-18 Table 8.14-6 p 8.14-20 Appendix P 4-30 supplement	Yes	
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Table 8.14-3 p 8.14-18 Appendix F Appendix G Appendix P Supplement 11.2 Appendix E Figure 11-1	Yes	
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	Sec. 8.14.1.1 p 8.14-2 Figure 8.14-2 Sec. 7.1.1 p 7-1 to 7-5		
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Sec. 8.14.1.1 p 8.14-2 Supplement Figure 11-2 Figure 11-3	Yes	Please Provide a clearer copy or enlarged copy of Figures 11-2 & 3. Please show the location of K-K' and A-A' on Figure 11-2.
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Sec. 8.14.1.2 p 8.14-3 Supplement 11.4	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Sec. 8.14.1.3 p 8.14-6	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Water Resources
 Project Manager: Bill Pfanner

DATA ADEQUACY WORKSHEET

Project: Malburg Generating Station
 Docket: 01-AFC-25

Revision No. 1 Date 4-30-02
 Technical Staff: Tony Mediati
 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:	Sec. 8.14.1.2.3 p 8.14-5 Sec. 3.8.3.7 p 3-50 Sec. 7.0 p 7-1 Sec. 8.14.1.2.2 p 8.14-4		
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Sec. 8.14.1.2.2 p 8.14-4 Sec. 1.1 p 1-1 Sec. 1.10.14 p 1-11 Sec. 1.11 p 1-13 Sec. 3.4.7 p 3-14 Sec. 3.4.7.3 p 3-15 Supplement 11.5	Yes	
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Sec. 7.0 p 7-1 to 7-5 Table 8.14-5 p 8.14-19 Table 3.4-10 Table 3.4-11 Table 7-1 Table 7-3 4-30 supplement	Yes	
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Sec. 8.14.2.2 p 8.14-8 Sec. 8.14.1.2.2 p 8.14-4 Table 8.14-4 p 8.14-19 Sec. 1.10.14 p 1-12 Sec. 3.4.7.1 p 3-14 Table 3.4-9 Sec. 3.6.6 p 3-38 Supplement 11.6 Figure 11-5	Yes	
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Sec. 8.14.2.2 p 8.14-8 to 8.14-12 Figure 8.14-3 p 8.14-25 Sec. 1.2 p 1-4 Sec. 1.7 p 1-7 Sec. 1.10.14 p 1-12 Figures 3.4-6 & 3.4-7 Sec. 3.4.7.2 p 3-15 Sec. 3.4.7.4 to 3.4.7.8 p 3-15 to 3-17 sec. 3.4.8.1 p 3-18 to 3-19 sec. 7.2 p 7-5 to 7-6 Supplement 11.7	Yes	Please provide a first generation copy of Figure 11-5 of the supplement. So all numbers and notes are legible

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Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	Sec. 8.14.2.2 p 8.14-12 Figures 3.5-1, 3.5-2, 3.5-3 Sec. 3.5.8 p 3-32		
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Sec. 8.14.2.2 p 8.14-12 Supplement 11.8 Figure 11-6	Yes	Please provide pre-construction runoff and drainage patterns. Figure 11-6 of the supplement is blurred and unclear. A colored copy with more contour lines or a first generation copy would be helpful.
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Sec. 8.14.2.2 p 8.14-12 Sec. 3.5.8 p 3.32 Figure 3.5-3 Supplement 11.9	Yes	
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:			
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Sec. 8.14.1.1 p 8.14-2 Sec. 7.1 p 7-1 to 7-5 Table 7-2 Sec. 8.14.1.1 p 8.14-2 Supplement 11.10 Figure 11-7	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Sec. 8.14.2.2 p 8.14-8 to 8.14-12	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Sec. 8.14.2.3 p 8.14-12	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Sec. 8.14.6 p 8.14-14 Sec. 7.3 p 7-6 to 7-7	Yes	

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Sec. 8.14.6 p 8.14-14 Table 8.14-7 p 8.14-20 Sec. 7.3 p 7-6 to 7-7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 8.14.6 p 8.14-14 Sec. 7.3 p 7-6 to 7-7 4-30 Supplement	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Sec. 8.14.7 p 8.14-16 Table 7-4 Table 8.14-7	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Sec. 8.14.8 p 8.14-16 Sec. 7.5 p 7-7 Table 7-5 Table 8.14-8	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

(Six Month Expedited Process)

Revision No. 1 Date 4-30-02

Technical Area: Water Resources

Project: Malburg Generating Station

Technical Staff: Tony Mediati

Project Manager: Bill Pfanner

Docket: 01-AFC-25

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;	To Be considered Data Adequate for the six month expedited process please provide the following information in addition to the information requested on the standard twelve month data adequacy worksheet.		
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Sec. 8.14.6 p 8.14-14 Sec. 7.3 p 7-6 to 7-7	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sec. 8.14.6 p 8.14-14 Sec. 7.3 p 7-6 to 7-7 Supplement 11.12 4-30 supplement	Yes	Please provide substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification. Please provide a discussion regarding compliance with each LORS as was done in the soil resources section.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Supplement 11.13	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Sec. 8.14.6 p 8.14-14 Sec. 7.3 p 7-6 to 7-7 Supplement 11.14 Appendix E Figure 11-1	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 1 Date 4-30-02

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(E) (Water)	If the project will result in a discharge of waste that could affect the water quality of the state, a complete report of proposed waste discharge as required by section 13260 of the Water Code. This will allow for issuance of waste discharge requirements by the appropriate regional water quality control board within 100 days after filing the application in accordance with Public Resources Code section 25550(d);	Table 8.14-3 p 8.14-18 Table 8.14-6 p 8.14-20 Appendix P Supplement 11.15	Yes	
§2022(b)(5)(B) (Water)	A will-serve letter or similar document from each provider of water to the project, indicating each provider's willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.	Sec. 1.10.14 p 1-11 Appendix E Supplement 11.16 Figure 11-7	Yes	